SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Linsley, Peter S
Ledbetter, Jeffrey A
Damle, Nitin K
Brady, William

(ii) TITLE OF INVENTION: LIGAND FOR CD28 RECEPTOR ON B CELLS AND METHODS

(iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Sheldon & Mak
(B) STREET: 201 South Lake Avenue, Suite 800
(C) CITY: Pasadena
(D) STATE: California
(E) COUNTRY: United States
(F) ZIP: 91101

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

    (A) NAME: Mandel, SaraLynn

    (B) REGISTRATION NUMBER: 31,853

    (C) REFERENCE/DOCKET NUMBER: 7794

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    (ix) TELECOMMUNICATION INFORMATION:

    (A) TELEPHONE: (818) 796-4000

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10   (2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:

    (A) LENGTH: 39 base pairs

    (B) TYPE: nucleic acid

15   (C) STRANDEDNESS: single

    (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

20   (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

    (vi) ORIGINAL SOURCE:

25   (A) ORGANISM: Homo sapiens

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTAGCCACTG AAGCTTCACC ATGGGTGTAC TGCTCACAC   39

30

    (2) INFORMATION FOR SEQ ID NO:2:

    (i) SEQUENCE CHARACTERISTICS:

    (A) LENGTH: 39 base pairs

35   (B) TYPE: nucleic acid

                (C) STRANDEDNESS: single
                (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: DNA (genomic)

5

        (iii) HYPOTHETICAL: NO

        (iv) ANTI-SENSE: NO

10   (vi) ORIGINAL SOURCE:
                (A) ORGANISM: Homo sapiens

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

15   TGGCATGGGC TCCTGATCAG GCTTAGAAGG TCCGGGAAA   39

     (2) INFORMATION FOR SEQ ID NO:3:

        (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 39 base pairs
20   (B) TYPE: nucleic acid
                (C) STRANDEDNESS: single
                (D) TOPOLOGY: linear

25   (ii) MOLECULE TYPE: DNA (genomic)

        (iii) HYPOTHETICAL: NO

        (iv) ANTI-SENSE: NO

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        (vi) ORIGINAL SOURCE:
                (A) ORGANISM: Homo sapiens

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TTTGGGCTCC TGATCAGGAA AATGCTCTTG CTTGGTTGT   39

5   (2) INFORMATION FOR SEQ ID NO:4:

        (i) SEQUENCE CHARACTERISTICS:
            (A) LENGTH: 84 base pairs
            (B) TYPE: nucleic acid
10   (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

        (ii) MOLECULE TYPE: DNA (genomic)

15   (iii) HYPOTHETICAL: NO

        (iv) ANTI-SENSE: NO

        (vi) ORIGINAL SOURCE:
20   (A) ORGANISM: Homo sapiens

        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAGCAAGAGC ATTTTCCTGA TCAGGAGCCC AAATCTTCTG ACAAAACTCA CACATCCCCA 6
25 CCGTCCCCAG CACCTGAACT CCTG   84

    (2) INFORMATION FOR SEQ ID NO:5:

        (i) SEQUENCE CHARACTERISTICS:
30   (A) LENGTH: 41 base pairs
            (B) TYPE: nucleic acid
            (C) STRANDEDNESS: single
            (D) TOPOLOGY: linear

35   (ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

5   (vi) ORIGINAL SOURCE:
                (A) ORGANISM: Homo sapiens

            (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
10
CTTCGACCAG TCTAGAAGCA TCCTCGTGCG ACCGCGAGAG C   41

(2) INFORMATION FOR SEQ ID NO:6:

15   (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 47 base pairs
                (B) TYPE: nucleic acid
                (C) STRANDEDNESS: single
                (D) TOPOLOGY: linear

20
            (ii) MOLECULE TYPE: DNA (genomic)

           (iii) HYPOTHETICAL: NO

25   (iv) ANTI-SENSE: NO

            (vi) ORIGINAL SOURCE:
                (A) ORGANISM: Homo sapiens

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            (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

CATTGCACAG TCAAGCTTCC ATGCCCATGG GTTCTCTGGC CACCTTG   47

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(2) INFORMATION FOR SEQ ID NO:7:

    (i) SEQUENCE CHARACTERISTICS:
       (A) LENGTH: 39 base pairs

5

       (B) TYPE: nucleic acid
       (C) STRANDEDNESS: single
       (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

10

    (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

15   (vi) ORIGINAL SOURCE:
       (A) ORGANISM: Homo sapiens

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

20 ATCCACAGTG CAGTGATCAT TTGGATCCTG GCATGTGAC   39